



南 华 中 学

NAN HUA HIGH SCHOOL

PRELIMINARY EXAMINATION 2019

Subject : Humanities (Social Studies)
Paper : 2272/01, 2273/01
Level : Secondary 4 Express
Date : Tuesday, 20 August 2019
Duration : 1 hour 45 minutes

READ THESE INSTRUCTIONS FIRST

Write your name, class and index number in the boxes provided on the answer booklet.

Write in dark blue or black pen.

Do not use staples, paper clips, glue or correction fluid.

SECTION A

Answer **all parts** of Question 1.

SECTION B

Answer **both parts** of Question 2.

Write all answers on the answer booklet provided.

Please begin your response to each question on a fresh page.

The number of marks is given in brackets [] at the end of each question or part question.

The total mark for this paper is **50**.

This paper consists of 6 printed pages.

Section A (Source-Based Case Study)

Question 1 is **compulsory** for all candidates.

1 Exploring Citizenship and Governance

Study the Background Information and the sources carefully, and then answer **all** the questions.

You may use any of the sources to help you answer the questions, in addition to those sources you are told to use. In answering the questions, you should use your knowledge of the topic to help you interpret and evaluate the sources.

(a) Study Source A.

What is the cartoonist's attitude towards the rising use of PMDs in Singapore?
Explain your answer, using details of the source. [5]

(b) Study Source B.

Why do you think the Director of LTA made this media reply? Explain your answer. [6]

(c) Study Sources C and D.

Do you think the Associate Professor in Source C would agree with the writer in Source D? Explain your answer. [7]

(d) Study Sources E and F.

Which of these two sources is more useful as evidence about the rising use of PMDs in Singapore? Explain your answer. [7]

(e) 'The government should be responsible for ensuring public safety with the rising use of PMDs in Singapore.'

Using sources in the case study, explain how far you would agree with this statement. [10]

How can public safety be safeguarded with the rising use of personal mobility devices in Singapore?

BACKGROUND INFORMATION

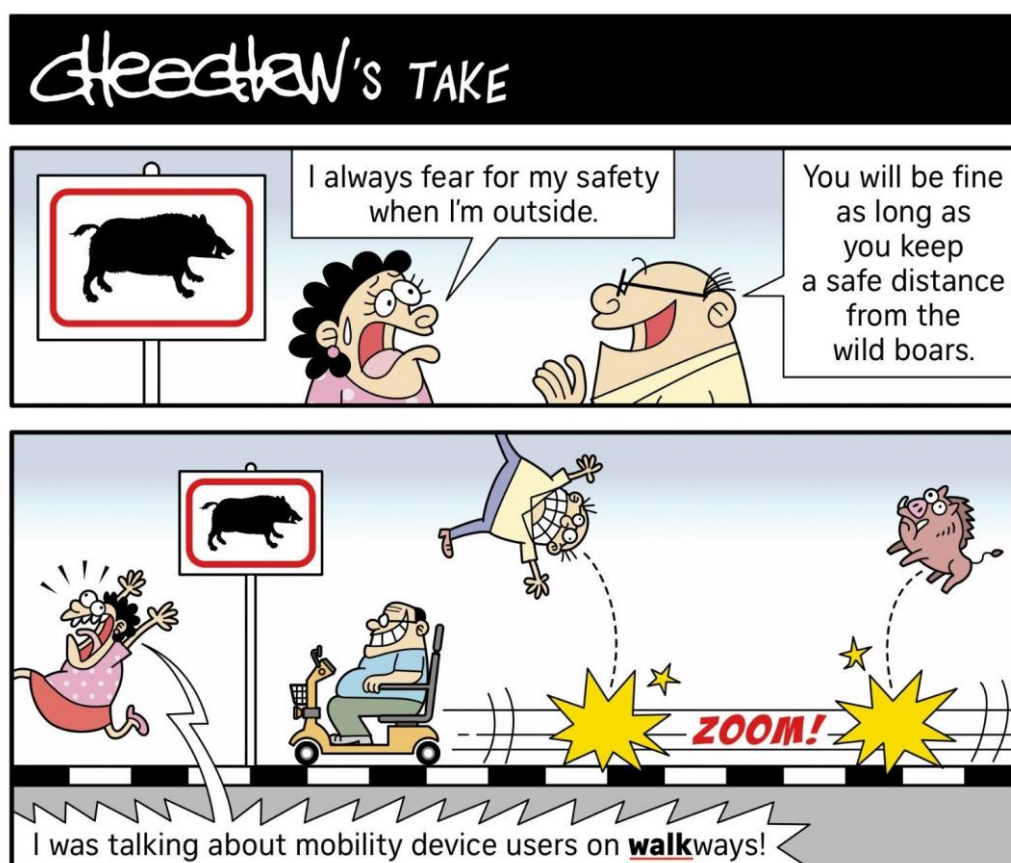
Read this carefully. It may help you to answer some of the questions.

The popular use of personal mobility devices (PMDs) such as e-scooters in recent years has become a growing menace in Singapore. Users of these PMDs tout the benefits of this mode of transportation as being convenient, environment-friendly and cost-effective. As of July 2019, more than 85,000 e-scooters and 13,000 e-bikes have been registered with the Land Transport Authority (LTA). In tandem, the number of reported accidents involving PMDs on public paths has increased. There were 228 such cases in 2017 and 2018. Of these, 196 sustained injuries. There was also one death involving a PMD rider who skidded and died from his injuries.

In view of the increase in the number of PMD-related accidents, an *Active Mobility** Advisory Panel was set up by the government to look into recommendations on how people can ride PMDs without compromising the safety of pedestrians, and other road and footpath users. Study the following sources to find out how public safety can be safeguarded with the rising use of PMDs in Singapore.

**Active mobility is gaining popularity as an environmentally sustainable form of transport by means of walking, cycling and riding PMDs in the city.*

Source A: A cartoon published in *The Straits Times*, May 2019.



Source B: *From a media reply on the use of PMDs issued by the LTA Active Mobility Group's Director, May 2019.*

LTA has recorded more than 3,700 active mobility offences. Surveillance and enforcement operations are conducted regularly island-wide to target and catch errant riders. Reports on errant riding by members of the public are also taken into account.

We will not let up on our efforts to enhance public safety. From July 2019, all e-scooter owners must register their devices with LTA. Those found riding unregistered devices on public paths could face a fine of up to \$5,000 and/or a jail term of six months.

We are also intensifying public education and collaborations with schools, interest groups and grassroots organisations. We collaborate with food delivery companies and foreign worker dormitories to extend our Safe Riding Programme to them.

Source C: *From an interview with Associate Professor Muhammad Faishal Ibrahim, who chairs the Active Mobility Advisory Panel, Channel News Asia, May 2019.*

While some may argue that PMDs have no place here since the country is so well-connected, those who use these vehicles as an alternative to driving, walking or taking public transport have found them convenient, useful and environmentally-friendly.

Most e-scooter riders, for instance, are safe and responsible. We should, therefore, not go down the path of imposing a complete ban on PMDs because of a small number of people who misuse them. Such an extreme move would be a step backwards for Singapore's vision of a "car-lite" city. Instead, we should take a balanced and holistic approach to educate PMD users, improve active-mobility safety and build this as part of the evolving transport landscape.

Source D: *A forum letter published in The Straits Times, May 2019.*

If e-scooters are meant to help move Singapore towards a car-lite society, it is a laudable sentiment. But the necessary infrastructure such as widened footpaths, clear warning signs and speed regulating strips on the paths needs to be put in place first. This has not been done by any measure. If the plan is to create the required infrastructure over time, are pedestrians who are hurt or killed by e-scooter riders mere collateral damage?

Exactly who needs to be hurt or worse before good sense prevails on the part of the relevant authorities? For decades, chewing gum has been "banned" because of the damage some people caused to property and infrastructure. Aren't human lives worth, at the very least, the same consideration? Perhaps until structures are in place or all e-scooter users ride with responsibility, these devices should be banned from public areas altogether.

Source E: *A forum letter by a pedestrian who was knocked down by a speeding delivery rider on an e-scooter along a walkway, published in TODAY online, May 2019.*

With many Singaporeans ordering food online, the speed with which these riders complete orders exposes huge safety risks. This raises questions of why riders get around recklessly, and if restaurants or food delivery firms pressure them to race against time to fulfil orders.

Speeding to meet delivery deadlines is a recipe for accidents, particularly at night where visibility is reduced. LTA must not only penalise riders who are caught speeding, but also impose a fine on delivery firms. It should develop safe-riding rules for delivery crew and make riders pass a written test before allowing them to ply the trade. Delivery companies should be held responsible if they fail to ensure that their riders abide by the rules.

Source F: *A commentary published in an online local newspaper, July 2019.*

Let's not blame it all on people who deliver food. PMDs are used by many to get around more conveniently. Unfortunately, the worst among these users are now making life dangerous for pedestrians.

When I first saw friends call for a ban on PMDs on social media, I was reluctant to like the posts. Yet, faced with a daily annoyance and even danger of being hit by a PMD, I too have come to support tougher rules, despite being conflicted.

Perhaps PMDs should be banned until users show that they can curb their excesses. Or the devices can be licensed and the owners made to undergo training and test on basic road sense. Or perhaps we can try something radical. Like giving way to someone or a PMD user on a footpath. Slowing down round corners. Being a little more patient and considerate will make a big difference.

Section B (Structured-Response Question)

Question 2 is **compulsory** for all candidates.

2 Being Part of a Globalised World

Study the extracts carefully, and then answer the questions.

Extract 1

Cyber security threats continue to be a huge concern in Singapore as data showed that Singapore was the top cyberattack target around the world during the Trump-Kim summit. Singapore experienced close to 40,000 attacks during the meeting, with the nation receiving 4.5 times more attacks than the United States or Canada on both days.

Extract 2

Since Singapore is at the heart of Southeast Asia, British technology company Dyson would be best placed to source many components from neighbouring countries and, locally, assemble and manufacture electric cars in Singapore.

Extract 3

Trade wars between the world's two biggest economies will likely impact Singapore given how US-China bilateral trade contributes indirectly to 1.1 per cent of the country's gross domestic product. Singapore's open economy could be further affected if an escalation in the trade conflict triggers a sharp and sustained plunge in business.

- (a) Extract 1 illustrates the cyber security challenges faced by Singapore.

In your opinion, why are cyber security challenges a growing concern internationally? Explain your answer with reference to **two** reasons. [7]

- (b) Extract 2 and Extract 3 reflect on the opportunities and challenges posed by the global economy on Singapore.

How far do you agree that participation in the global economy has presented Singapore with greater opportunities than challenges? Explain your answer. [8]

– End of Paper –

Acknowledgements:

- Source A <https://www.mobilityscooters.sg>
Source B <https://www.lta.gov.sg/apps/news/page.aspx?c=3&id=c99bafd7-7991-41ff-a5b1-036de8c70208>
Source C <https://www.channelnewsasia.com/news/singapore/ban-pmd-personal-mobility-device-e-scooter-accidents-singapore-11568106>
Source D <https://www.straitstimes.com/forum/letters-in-print/ban-e-scooters-until-infrastructure-is-in-place>
Source E <https://www.todayonline.com/voices/get-tough-speeding-food-delivery-riders>
Source F <https://www.todayonline.com/commentary/pmd-menace-Singapore-selfish-behaviour>
Extract 1 <https://www.todayonline.com/singapore/cyber-threats-singapore-go-phishing-attacks-see-biggest-jump>
Extract 2 <https://www.channelnewsasia.com/news/business/dyson-build-electric-car-singapore-10855708>
Extract 3 <https://www.channelnewsasia.com/news/singapore/singapore-economy-faces-challenges-chaun-chun-sing-10862380>